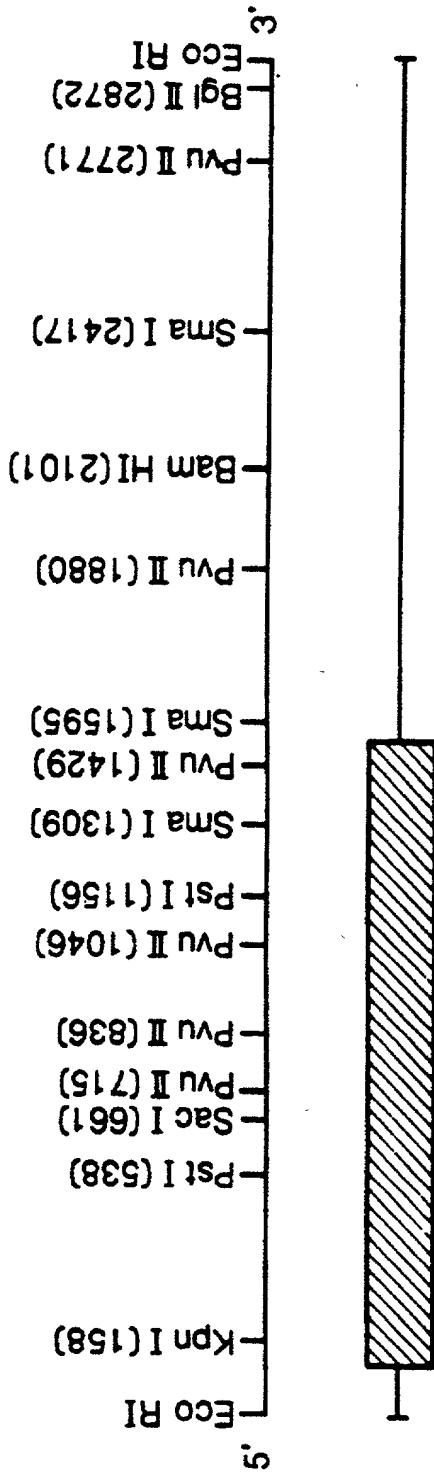


# FIG. I A



## FIG. I-B-1

1	GGCATCTGGGCCAGGCCCATGCCGAGGGTGGCTGAAGGCCACAGGCCATGCCAGACTGCTGCTCCCTCTGACTG
1	11
91	MetAlaSerAsnSerSerSerCysProThrProGlyGlyGlyIleAsnGlyTyrProValIProProTyrAlaPhe
91	TGGCCGGCTGGCATGGCCAGCTCTGCCGACACCTGGGGGGCACCTCAATGGGTACCCGGTGCCTCCCTACGCCCTC
31	41
181	PhePheProProMetLeuGlyGlyIleSerProProGlyAlaLeuThrThrLeuGlyIleSerGlyTyrSerThrPro
181	TTCTTCCCCCTATGCTGGGTGGACTCTCCCGCCAGGGCTCTGACACTCTCAGGCCACAGCTTCAGTTAGTGATATAGGACACCCA
81	81
181	SerProAlaThrIleGluIleSerSerSerGluGluIleValIProSerProProSerProProSerProProSerProArgIleTyrLys
271	TCCCCAGGCCACATTGAGACCCAGGGCAGGAGTTCTGAAGAGATAAGTGCCTCAGCCCCCTCTACCCGGATCTACAAAG

FIG. I B-2

		91	ProCysPheValCysGlnAspLysSerSerGlyTyrHistYrglyvalSerAlaCysGluGlyCysLysGlyPhePheArgArgSerIleCCTTGCTTGTCTGTAGGACAGTCAGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC
361	121	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	131.
451	151	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	141
541	161	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	151
631	181	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	171
721	211	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	201
811	241	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	231
901	271	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	261
991	301	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	291
1081	331	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	321
	341	GlutylsAsnMetValItyrThrcysHISArgAspLysAsnCysIleIleAsnIysValIleArgAsnArgCysGlnIleCysArgLysGlnCAGAGAACATGGTGTACACGTGACTGGTACGGCTACGGTACCACTATGGGTCAAGGTGACGGCTGCAAGGGCTTCTCCGCCGAGCATC	351

FIG. I-B-3

FIG. 2A

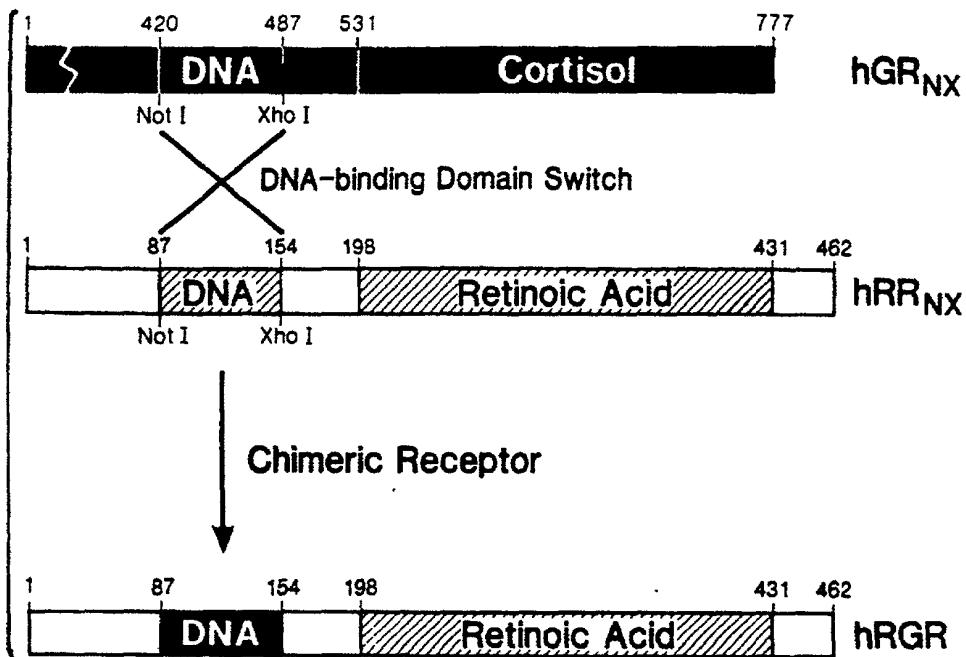


FIG. 2B

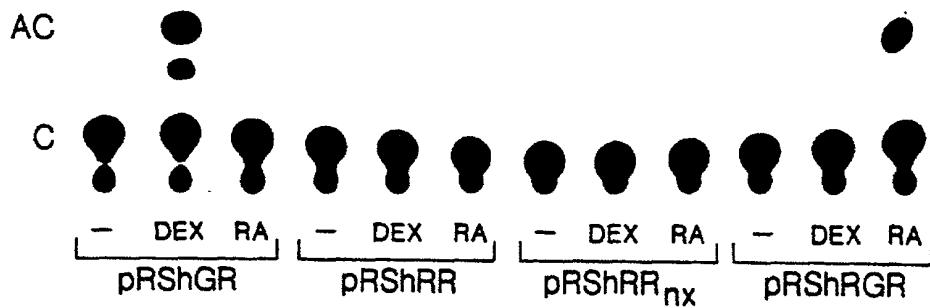


FIG. 3A

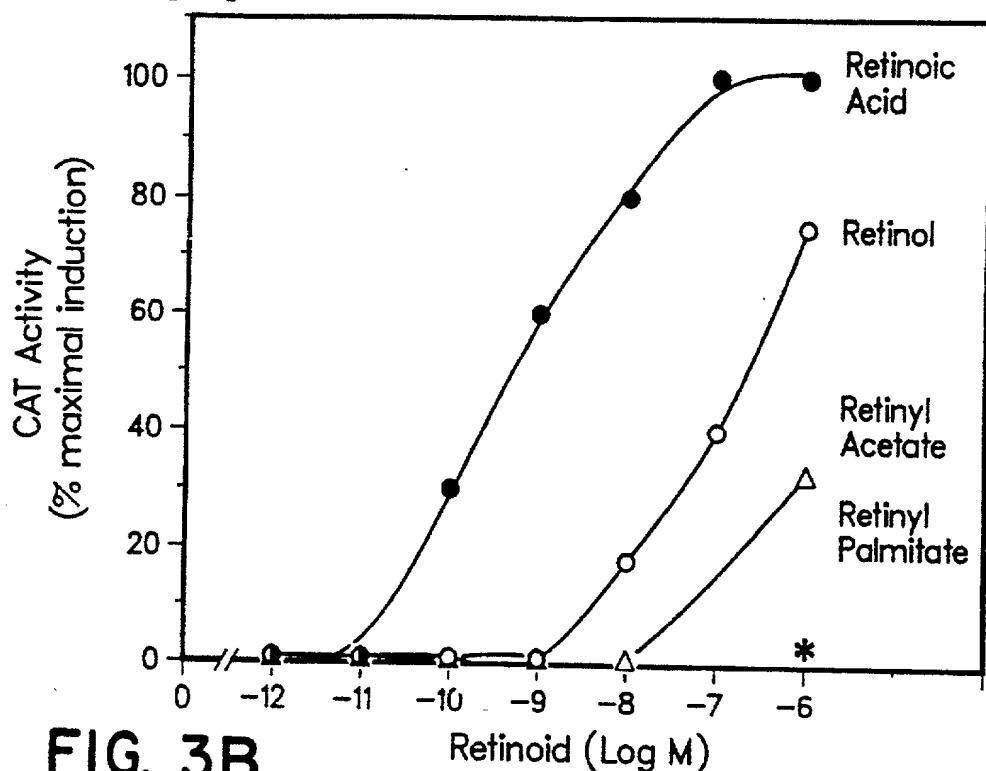
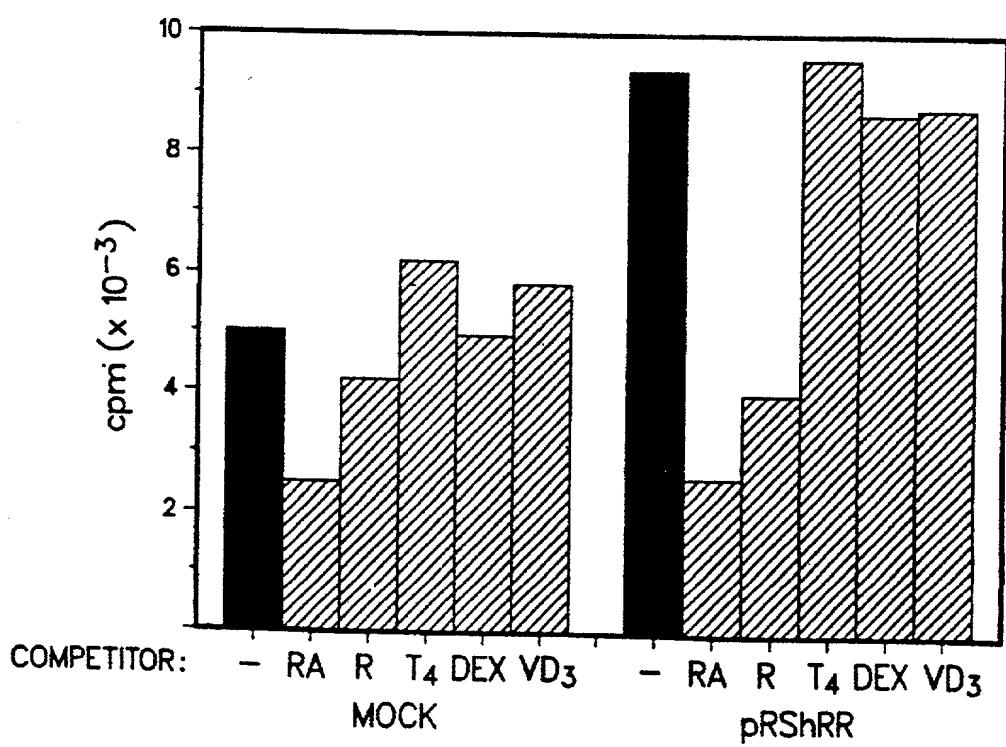
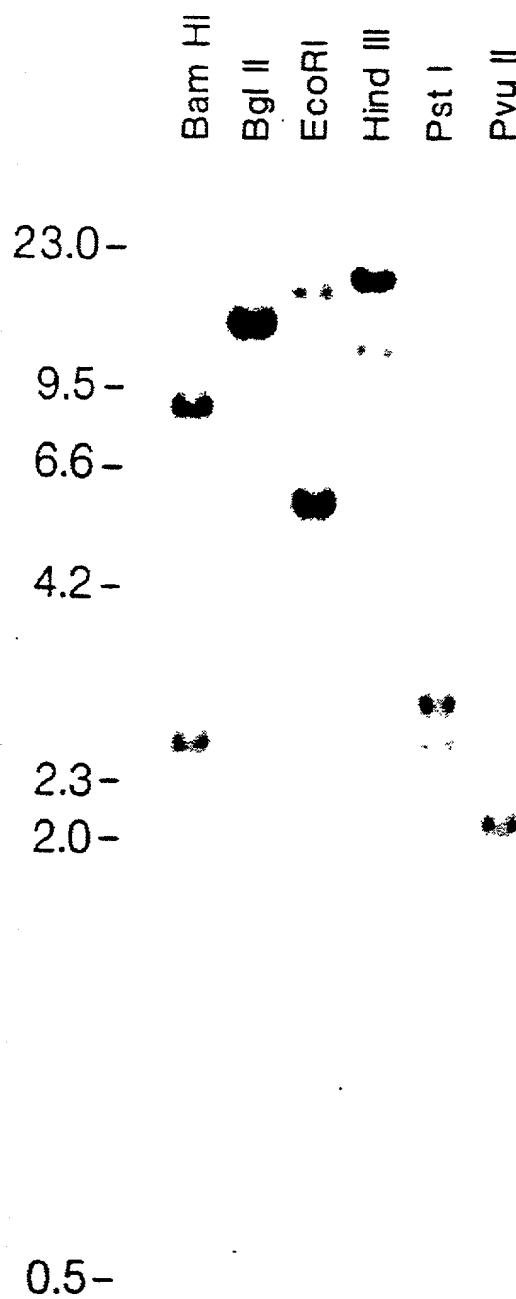
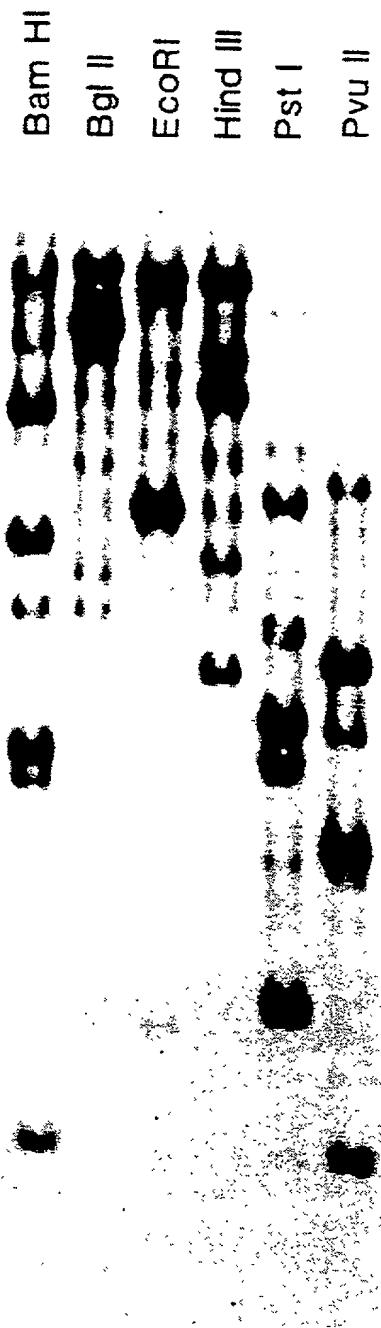
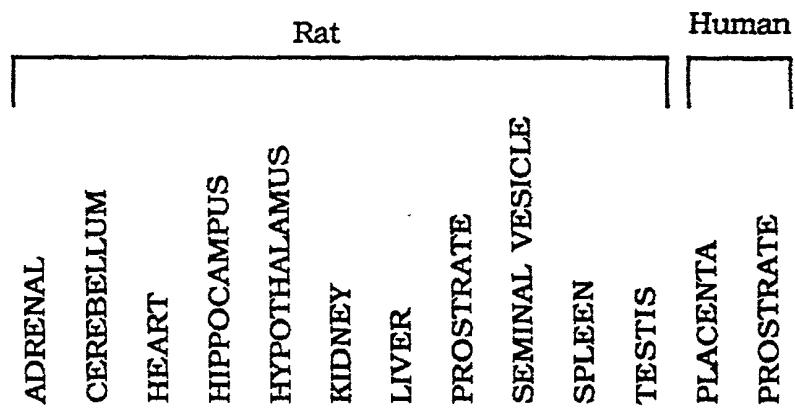


FIG. 3B



**FIG.4A****FIG.4B**

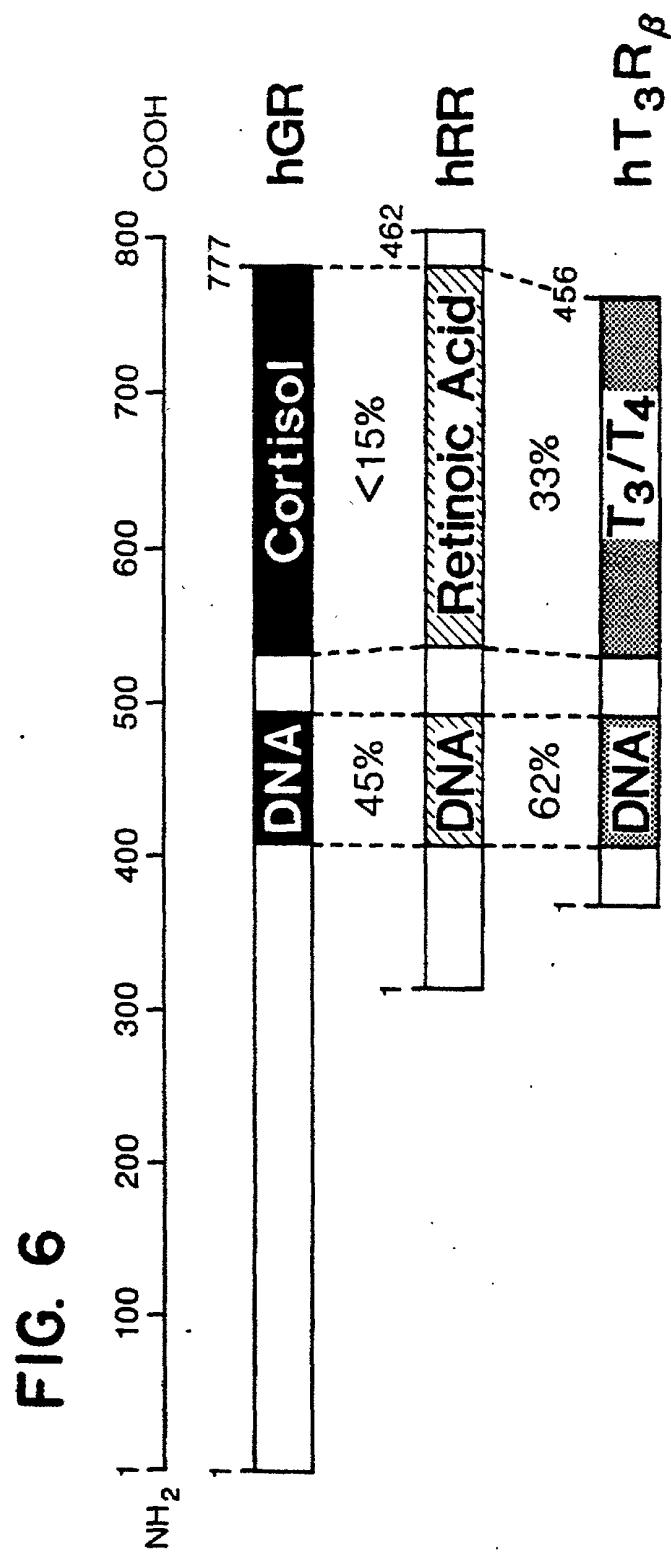


28S .



18S .

FIGURE 5



**FIG. 7**

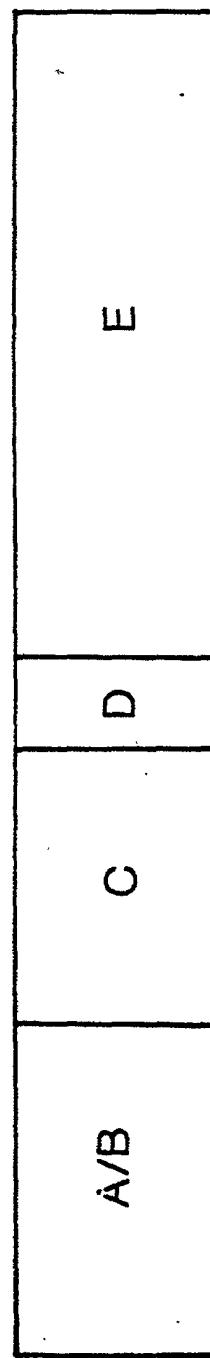


FIG. 8-1

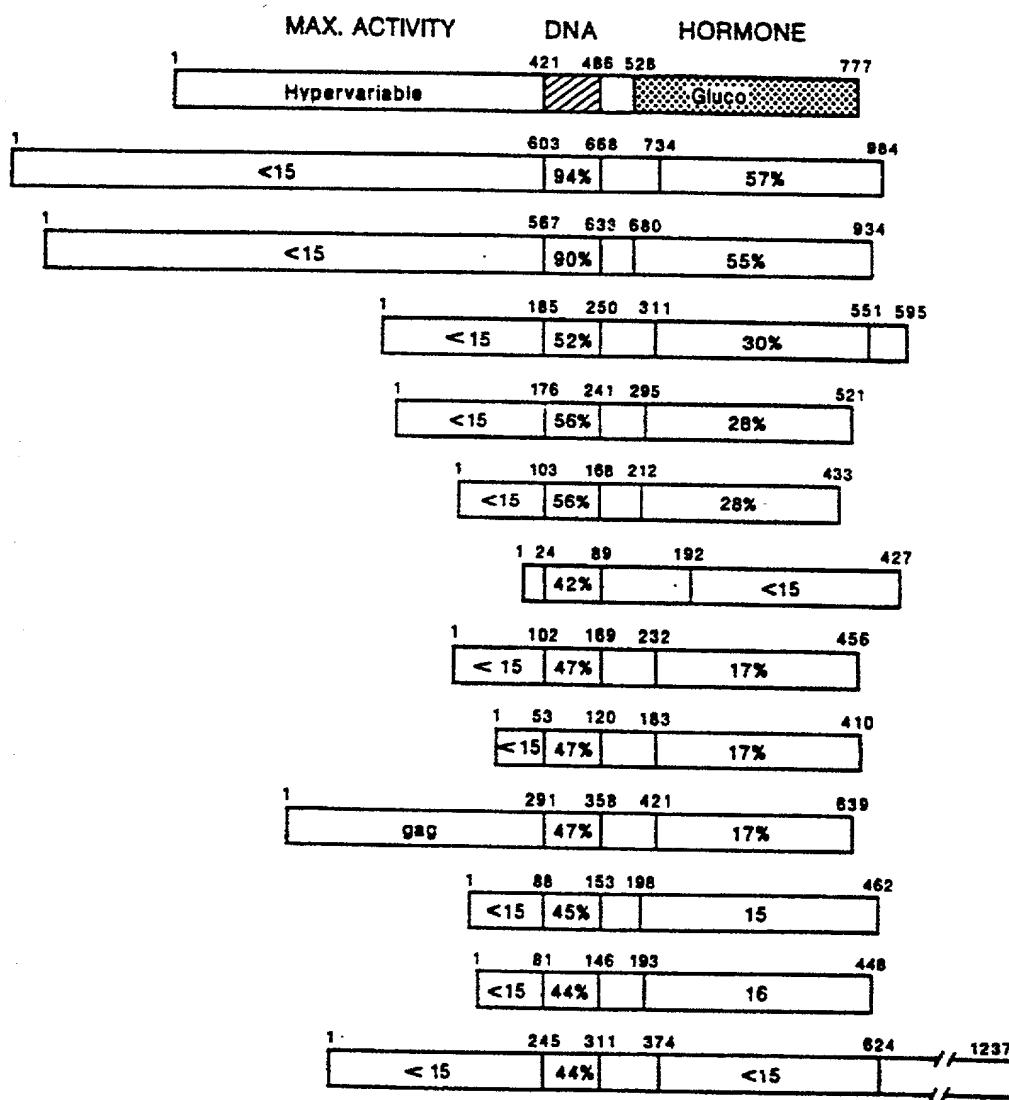
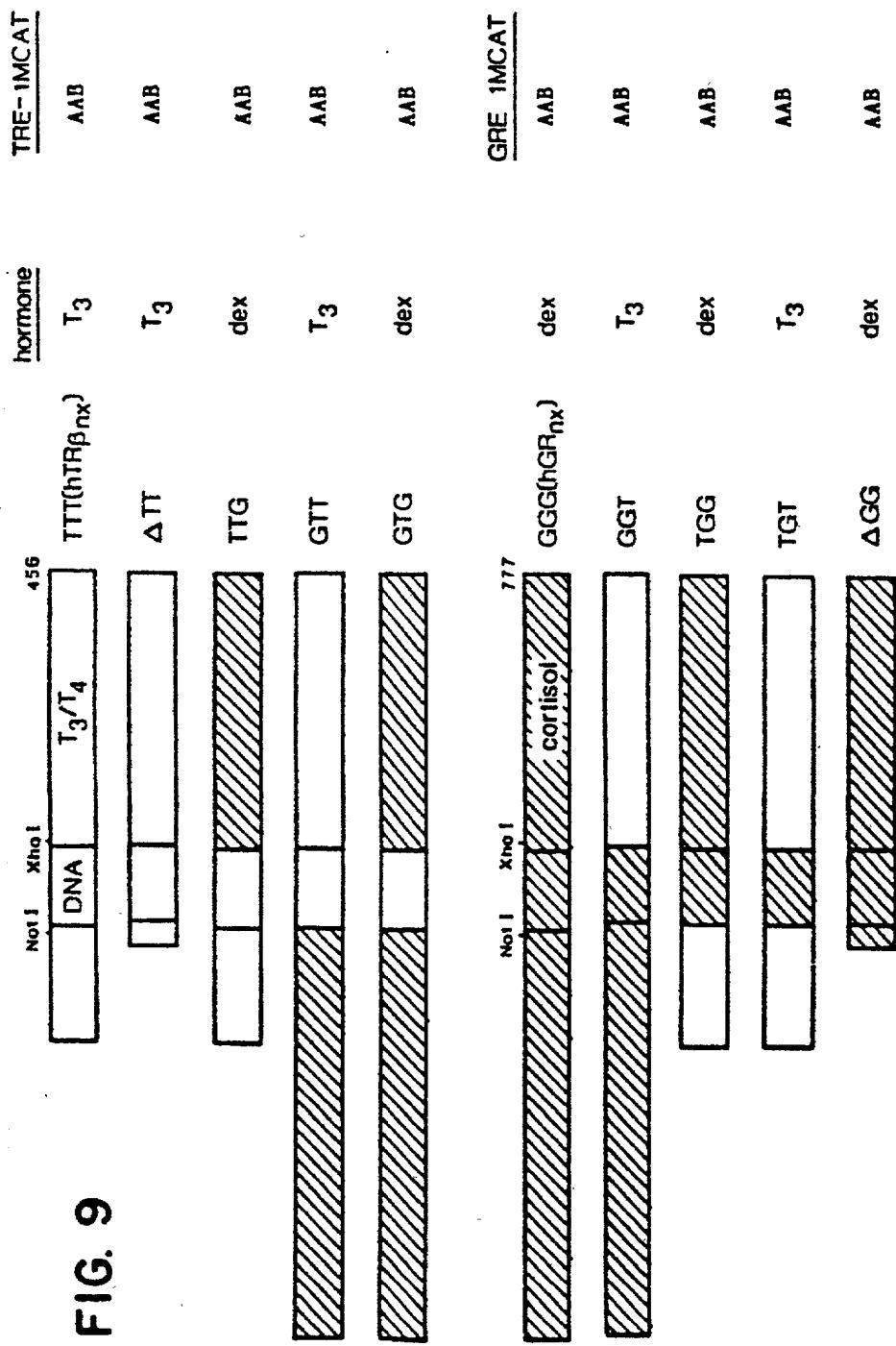


FIG. 8-2

	HRE	DNA BINDING	HORMONE BINDING IN VITRO	HORMONE BINDING IN VIVO	TRANS- ACTIVATION	CHROMO- SOME	SPECIES
GR	+	+	+	+	+	5 <sup>26</sup>	h <sup>26</sup> , r <sup>77</sup> , m <sup>78</sup>
MR	nd	nd	nd	+	+	4 <sup>36</sup>	h <sup>36</sup>
PR	+	+	nd	nd	+	11 <sup>79</sup>	rabbit <sup>32</sup> , h <sup>33</sup> , c <sup>34</sup>
ER	+	+	nd	+	+	6 <sup>62</sup>	h <sup>29</sup> , c <sup>30</sup> , frog <sup>31</sup>
ERR1	nd	nd	nd	nd	nd	nd	h <sup>39</sup>
ERR2	nd	nd	nd	nd	nd	nd	h <sup>39</sup>
VDR	nd	nd	nd	+	nd	nd	h <sup>35</sup> , c <sup>35</sup>
T <sub>3</sub> R <sub>β</sub>	+	+	+	nd	+	3 <sup>37</sup>	h <sup>37</sup>
T <sub>3</sub> R <sub>α</sub>	nd	nd	+	nd	+	17 <sup>40</sup>	r <sup>40</sup> , h <sup>41</sup> , c <sup>38</sup>
V-erb A	+	+	(-) <sup>38</sup>	nd	nd	virus	c <sup>28</sup>
RAR	nd	nd	nd	+	+	17 <sup>43</sup>	h <sup>42,43</sup>
HAP	nd	nd	nd	nd	nd	3 <sup>45</sup>	h <sup>45</sup>
E75	nd	nd	nd	nd	nd		d <sup>46</sup>

FIG. 9



AAB = Activation Above Background